

IN THE CLAIMS

1-28 (cancelled)

29. (currently amended) A rechargeable electronic watch operating with an energy source comprising a power supply including a power generation means and a power storage means charged with electric energy generated from said power generation means, said rechargeable electronic watch comprising a watch circuit for counting or processing time information or function information so as to output said information, a display means for displaying said time information or said function information based on an output signal from said watch circuit, a power storage ~~charge~~ amount detecting means for detecting an amount of power flowing into ~~charge stored in~~ said power storage means, and a control means for controlling the operation of said watch circuit in response to said amount of said power storage ~~charge~~, wherein said watch circuit is driven in at least one clock operation mode selected, based on the control of said control means, from a plurality of clock operation modes provided in said rechargeable electronic watch, each of said modes being different from each other in power consumption.

30. (cancelled)

31. (currently amended) A rechargeable electronic watch operating with an energy source comprising a power supply including a power generation means and a power storage means charged with electric energy generated from said power generation means, said rechargeable electronic watch comprising a watch circuit for counting or processing time information or function information so as to output said information, a display means for displaying said time information or said function information based on an output signal from

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said watch circuit, a power storage charge amount detecting means for detecting an amount of power flowing into charge stored in said power storage means, a remaining capacity detecting means for detecting the remaining capacity of said power storage means, and a control means for controlling the operation of said watch circuit in response to said remaining capacity and said amount of power storage charge, wherein said watch circuit is driven in at least one clock operation mode selected, based on the control of said control means, from a plurality of clock operation modes provided in said rechargeable electronic watch, each of said modes being different from each other in power consumption.

32. (currently amended) A rechargeable electronic watch operating with an energy source comprising a power supply including a power generation means and a power storage means charged with electric energy generated from said power generation means, said rechargeable electronic watch comprising a watch circuit for counting or processing time information or function information so as to output said information, a display means for displaying said time information or said function information based on an output signal from said watch circuit, a power generation amount detecting means for detecting an amount of said power generation of said power generation means, a power storage charge amount detecting means for detecting an amount of power flowing into charge stored in said power storage means, and a control means for controlling the operation of said watch circuit in response to said amount of said power generation and said amount of power storage charge, wherein said watch circuit is driven in at least one clock operation mode selected, based on the control of said control means, from a plurality of clock operation modes provided in said rechargeable electronic watch, each of said modes being different from each other in power consumption.

33. (previously added) The rechargeable electronic watch according to any one of Claim[s] 28, 30 or 32 wherein the lower the amount of said power generation, said electronic watch is controlled to be driven under a clock operation mode whereby said electronic watch can be driven with the lesser power consumption and selected from a plurality of clock operation modes each being different from each other, in power consumption.

34. (currently amended) The rechargeable electronic watch according to any one of Claims 29, 31 or 32, wherein the lower said amount of said power storage charge, said electronic watch is controlled to be driven under a clock operation mode whereby said electronic watch can be driven with the lesser power consumption and selected from a plurality of clock operation modes each being different from each other, in power consumption.

35. (previously added) The rechargeable electronic watch according to Claim 30 or 31, wherein the lower said remaining capacity, said electronic watch is controlled to be driven under a clock operation mode whereby said electronic watch can be driven with the lesser power consumption and selected from a plurality of clock operation modes each being different from each other, in power consumption.

36. (previously added) A rechargeable electronic watch operating with an energy source comprising a power supply including a power generation means and a power storage means charged with electric energy generated from said power generation means, said rechargeable electronic watch comprising a watch circuit for counting or processing time information or function information so as to output said information, a display means for displaying said time information or said function information based on an output signal from said watch circuit, a power generation amount detecting means for detecting an amount of said power generation of said power generation means, and a control means for controlling the operation of said watch

circuit in response to an energy balance of said amount of said power generation and an amount of the power consumption of the rechargeable electronic watch, wherein said watch circuits driven in at least one clock operation mode selected, based on the control of said control means from a plurality of clock operation modes provided in said rechargeable electronic watch, each of said modes being different from each other in power consumption

37. (currently amended) A rechargeable electronic watch operating with an energy source comprising a power supply including a power generation means and a power storage means charged with electric energy generated from said power generation means, said rechargeable electronic watch comprising a watch circuit for counting or processing time information or function information so as to output said information, a display means for displaying said time information or said function information based on an output signal from said watch circuit, a power storage charge amount detecting means for detecting an amount of power flowing into charge stored in said power storage means and a control means for controlling the operation of said watch circuit in response to an energy balance of said amount of said power storage charge and an amount of the power consumption of the rechargeable electronic watch, wherein said watch circuit is driven in at least one clock operation mode selected, based on the control of said control means, from a plurality of clock operation modes provided in said rechargeable electronic watch each of said modes being different from each other in power consumption.



38. (currently amended) A rechargeable electronic watch operating with an energy source comprising a power supply including a power generation means and a power storage means charged with electric energy generated from said power generation means, said rechargeable electronic watch comprising a watch circuit for counting or processing time

information or function information so as to output said information, a display means for displaying said time information or said function information based on an output signal from said watch circuit, a power generation amount detecting means for detecting an amount of said power generation of said power generation means, a remaining capacity detecting means for detecting the remaining capacity of said power storage means and a control means for controlling the operation of said watch circuit in response to an energy balance of said amount of said power generation and an amount of said remaining capacity and an amount of the power consumption of the rechargeable electronic watch, wherein said watch circuit is driven in at least one clock operation mode selected) based on the control of said control means, from a plurality of clock operation modes provided in said rechargeable electronic watch, each of said modes being different from each other in power consumption.

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39. (currently amended) A rechargeable electronic watch operating with an energy source comprising a power supply including a power generation means and a power storage means charged with electric energy generated from said power generation means, said rechargeable electronic watch comprising a watch circuit for counting or processing time information or function information so as to output said information, a display means for displaying said time information or said function information based on an output signal from said watch circuit, a power storage charge amount detecting means for detecting an amount of power flowing into charge stored in said power storage means, a remaining capacity detecting means for detecting the remaining capacity of said power storage means and a control means for controlling the operation of said watch circuit in response to an energy balance of said amount of said power storage charge and an amount of said remaining capacity and an amount of the power consumption of the rechargeable electronic watch, wherein said watch circuit is driven in at least

one clock operation mode selected, based on the control of said control means, from a plurality of clock operation modes provided in said rechargeable electronic each, each of said modes being different from each other in power consumption.

40. (currently amended) The rechargeable electronic watch operating with an energy source comprising a power supply including a power generation means and a power storage means charged with electric energy generated from said power generation means, said rechargeable electronic watch comprising a watch circuit for counting or processing time information or function information so as to output said information, a display means for displaying said time information or said function information based on an output signal from said watch circuit, a power generation amount detecting means for detecting an amount of said power generation of said power generation means, a power storage charge amount detecting means for detecting an amount of power flowing into charge stored in said power storage means, and a control means for controlling the operation of said watch circuit in response to an energy balance of said amount of power storage charge and an amount of said power generation and an amount of the power consumption of the rechargeable electronic watch, wherein said watch circuit is driven in at least one clock operation mode selected, based on the control of said control means, from a plurality of clock operation modes provided in said rechargeable electronic watch, each of said modes being different from each other in power consumption.

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41. (currently amended) The rechargeable electronic watch according to any one of Claims 36 to 40, wherein said control means drives said electronic watch at a predetermined clock operation mode selected from a plurality of clock operation modes each being different from each other, in power consumption, so that said energy balance may not be be negative.

42. (currently amended) The rechargeable electronic watch according to any one of

Claims ~~28 to 33~~ 29, 31, 32 or 36 to 40 wherein under said clock operation mode, at least a part of said display means is stopped.

43. (previously added) The rechargeable electronic watch according to Claim 42, wherein said display means comprises a clock hand.

44. (previously added) The rechargeable electronic watch according to Claim 42, wherein said display means is a digital display.

45. (currently amended) The rechargeable electronic watch according to any one of Claims ~~28 to 33~~ 29, 31, 32 or 36 to 40, wherein said electronic watch further comprising an user setting means allowing the user to set said clock operation mode, wherein said control means drives the watch circuit at the user's desired clock operation mode, based on an output signal from said user setting means.

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46. (previously added) driving method of a rechargeable electronic watch operating with an energy source comprising a power supply including a power generation means and a power storage means charged with electric energy generated from said power generation means, said rechargeable electronic watch is being driven in at least one clock operation mode selected from a plurality of clock operation modes provided in said rechargeable electronic watch, each of said modes being different from each other in power consumption in response to said amount of said power generation.

47. (currently amended) A driving method of a rechargeable electronic watch operating with an energy source comprising a power supply including a power generation means and a power storage means charged with electric energy generated from said power generation means, wherein said rechargeable electronic watch is driven in at least one clock operation mode

selected from a plurality of clock operation modes provided in said Said rechargeable electronic watch, each of said modes being different from each other in power consumption in response to an amount of power storage flowing into charge stored in said power storage means.

48. (previously added) A driving method of a rechargeable electronic watch operating with an energy source comprising a power supply including a power generation means and a power storage means charged with electric energy generated from said power generation means, wherein said rechargeable electronic watch is driven in at least one clock operation mode selected from a plurality of clock operation modes provided in said rechargeable electronic watch, each of said modes being different from each other in power consumption, in response to a remaining capacity of said power storage means detected by a remaining capacity detecting means and said amount of said power generation of said power generation means.

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49. (currently amended) A driving method of a rechargeable electronic watch operating with an energy source comprising a power supply including a power generation means and a power storage means charged with electric energy generated from said power generation means, wherein said rechargeable electronic watch is driven in at least one clock operation mode selected from a plurality of clock operation modes provided in said rechargeable electronic watch, each of said modes being different from each other in power consumption~ in response to a remaining capacity of said power storage means detected by a remaining capacity detecting means and an amount of power storage flowing into charge stored in said power storage means.